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Europäisches Patentamt

European Patent Office

Office européen des brevets



(11) Publication number : **0 661 561 A3**

(12)

EUROPEAN PATENT APPLICATION

(21) Application number : **94309625.5**

(22) Date of filing : **21.12.94**

(51) Int. Cl.⁶ : **G02B 6/12, G02B 6/13,
G02B 6/42, H04B 10/00,
G06F 15/00, G02B 6/10,
G02B 6/43**

(30) Priority : **27.12.93 JP 330503/93**

(43) Date of publication of application :
05.07.95 Bulletin 95/27

(84) Designated Contracting States :
DE FR GB IT NL

(88) Date of deferred publication of search report :
20.09.95 Bulletin 95/38

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(54) **Integrated optical waveguide device.**

(57) An integrated optical waveguide device includes a substrate (1), and an optical waveguide which is formed in the form of projection or is formed in a trench formed in the substrate. Each optical waveguide has a first optical area (2) made of a first optical material and a second optical area (3) which is made of a second optical material and is surrounded by the first optical area. The optical waveguides are arranged on both side faces of the projection or trench.

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EUROPEAN SEARCH REPORT

Application Number
EP 94 30 9625

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	US-A-5 163 118 (LORENZO ET AL.) * column 6, line 48 - column 7, line 11 * * column 7, line 39 - line 44 * * figure 5D *	1	G02B6/12 G02B6/13 G02B6/42 H04B10/00 G06F15/00 G02B6/10 G02B6/43
A	PATENT ABSTRACTS OF JAPAN vol. 15, no. 162 (P-1194) 23 April 1991 & JP-A-03 029 903 (SEIKO EPSON) * abstract *	1	
A	US-A-5 061 029 (ISHIKAWA) * column 2, line 45 - column 3, line 12 * * figure 1 *	1,3	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 19 July 1995	Examiner Luck, W
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons A : member of the same patent family, corresponding document</p>			

EPO FORM 1500 01.92 (P04C01)



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EUROPEAN SEARCH REPORT

Application Number
EP 94 30 9625

DOCUMENTS CONSIDERED TO BE RELEVANT			
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Place of search THE HAGUE		Date of completion of the search 19 July 1995	Examiner Luck, W
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